In The Specification

Please amend the specification as follows:

On page 1, line 2 insert --- **1. Field of the Invention** ---.

On page 1, line 4 insert --- **2. Discussion of the Background Art** ---.

On page 3, before line 1 insert --- **SUMMARY OF THE INVENTION** ---.

On page 4, line 35 insert --- **BRIEF DESCRIPTION OF THE DRAWINGS**

Fig. 1 is a conventional jacketed heat exchanger;

Fig. 2 is a conventional heat exchanger with external heating/cooling half coils;

Fig. 3 is a conventional heat exchanger with an internal heating/cooling coil;

Fig. 4 is a cross-sectional via of the half coils of Fig. 2;

Fig. 5 is a schematic representation of boundary layers between the interface between the heat transfer fluid and the conduit and between the process material and the heat transfer surface;

Fig. 6 is a heat transfer arrangement for a reduced volume jacketed heat exchanger according to the present invention;

Figs. 7(a) and (b) are schematic representations of the channeling of heat transfer fluid;

Figs. 8 depicts a heat transfer surface with separate channels;

Fig. 9 depicts multiple conduits arranged in parallel;

Fig. 10 depicts three different shapes of conduits;

Fig. 11 is a schematic cross-sectional representation showing circular

conductor pipes bonded to the heat transfer surface;

Fig. 12 is a schematic cross-sectional representation through oblong conductor pipes;

Fig. 13 is a schematic representation of different conductor shapes and group arrangements;

Fig. 14 is a schematic representation of sections through conduct pipes with more complex internal geometry;

Fig. 15 is a schematic representation of examples of different inserts according to the present invention;

Fig. 16 is a schematic representation of depicting the conventional half coil welds used according to the present invention;

Fig. 17 is a schematic representation wherein one-sided solder bonding is used according to the present invention;

Fig. 18 depicts a simple spring mounted conductor pipe;

Fig. 19 is a schematic representation of a two part mounted conductor pipe configuration according to the present invention;

Fig. 20 is a schematic representation of a "V" profile expansion plate according to the present invention;

Fig. 21 depicts various expansion plate shapes that may be used according to the present invention;

Fig. 22 is a schematic representation of an expansion plate with an open profile;

Fig. 23 depicts a heat transfer element material on an expansion plate provided with a slot;

Fig. 24 depicts the heat transfer element of Fig. 23 mounted on a

process vessel with a metal band fixing strip; and

Fig. 25 depicts how the heat transfer element of Fig. 23 can move away from its position in Fig. 24 due to the independent expansion of the expansion plate.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT ---.